

→ The outside call is put on hold. When the user of the other handset unit answers, you can talk on an intercom call.

3 Press the HANG UP/C to transfer the call

If the handset user does not answer:
you can get back to the outside call by pressing the INTERCOM button again
You can also shuttle backwards and forwards between the calls -

To shuttle between two calls

When you have both an outside call and an intercom call in progress, you can shuttle from one to the other, like this:

► Press the INTERCOM button for one second to speak to each in turn, putting the other on hold

You can transfer the outside call to the other handset by pressing the

HANG UP/C  while you're connected to the intercom call

If you press the HANG UP/C  while you're connected to the outside call, you will disconnect it.

To set up a three-way conference

You can set up a conference between two handsets.

When you have an outside call (either one you've made or answered, or one that's been transferred to you) in progress

1 Press the INTERCOM button then key in a handset number

→ The outside call is put on hold. When the other handset user answers, and you have an intercom call in progress:

2 Press and hold the * (STAR) button for 2 seconds to set up a three-way conference

→ Both you and the other user are connected to the outside call.

To suspend the other handset user from the conference call: Press and hold the * (STAR) button for 2 seconds

You remain connected to the outside call. If the other user has not hung up, you can bring her/him back into the conference by pressing and hold the * (STAR) button for 2 seconds.

If you press HANG UP/C during the conference call, you'll leave the other user connected to the outside call.

If the other user presses HANG UP/C, you'll be left connected to the outside call.

11 Handset registration

The handsets supplied with your Symphony2200 system are already registered to the base unit. You don't need to register them yourself.

If you buy new handsets separately, you'll need to register them. Up to six handsets can be registered to each base unit; and each handset can be registered to up to four base units.

To register a new handset

1 Press and hold the HANDSET LOCATOR  on the base unit until you hear Registration tone (repeated 'beeps')

2 On the handset, press the Menu  then the ▲ or ▼ button to display REGISTER

3 Press the PHONE/OK 

→ The display shows BS 123H. If any of these numbers is steady (not flashing), then the handset is already registered to that base unit.

4 Press 1 to select base unit number 1

→ The display shows BSSE PIN ____

5 Key in the system PIN (default 0000) and press the PHONE/OK 

→ The display shows BSSE PIN ____ for a few moments, while the handset searches for a base. Then it shows a list of handset numbers which are still free on the base unit.
(For example, 1 34 6 indicates that numbers 1, 3, 4 and 6 are free; 2 and 5 are already assigned to other handsets.)

6 Key in a free handset number

→ After a moment, the display should show the handsets name and number.

If registration fails...
Try again, making sure you begin step 2 as soon as Registration tone starts.

14 Troubleshooting

! The Symphony2200 must be serviced by trained engineers. NEVER attempt any repairs or adjustments yourself — you could make the problem worse and invalidate the Guarantee.

If you have problems using your Symphony2200 cordless phone, refer to the separate user guide.

ALWAYS check first that:

- you have followed all the steps listed in section 2 to install and set up your Symphony2200
- all connectors are firmly inserted in their sockets
- mains power to the base unit telephone is switched on at the socket

"I can't make or answer calls."

If you don't hear Dial tone when you press the handset's PHONE button, check whether the base unit or another handset is already using the line.

If you're using a cordless handset, make sure it's within range of the base unit. Move closer to the base unit and see if that helps.

Make sure you're using the telephone line cable that was supplied with your Symphony2200. Other telephone line cables might not work.

If the handset's display is blank, press the HANG UP/C button to switch it on.

Call barring may be set (see section 7) for your handset. Check with any other user who may have set it.

Switch off power at the mains socket, wait for a few seconds and then switch back on. This may solve the problem.

"The phone is not ringing."

The ringer melody may be set to OFF. Change it as described in section 6.

Check that the total REN value of all instruments connected to the line is no more than 4. Disconnect one or more instruments and see if that helps.

16 Technical details

Standard	Digital Enhanced Cordless Telecommunications (DECT)
Frequency range	1.88 to 1.9 GHz (bandwidth = 20 MHz)
Channel bandwidth	1.728 MHz
Operating range	up to 300 m outdoors; up to 50 m indoors
Operating time for cordless handset	standby: 100 hours approx. talking: 10 hours approx. battery charge time: 15 hours
Temperature range	Operating 0 °C to 40 °C Storage -20 °C to 60 °C
Electrical power	CORDLESS HANDSET — three AAA-size 550 mAh NiMH rechargeable batteries
	BASE UNIT — input 230 V AC, 50 Hz; output AC 7.5 V, 300 mA CHARGER POD — input 230 V AC, 50 Hz; output DC 9 V, 300 mA

Port specification The  port (connected to the mains power supply) is a SELV port with respect to EN41003.

The  port (connected to the telephone line) is a TNV port with respect to EN41003.

PBX compatibility Timed break recall: programmable as 85 ms (Short), 100 ms (Medium) (recommended for most PBX systems) or 250 ms (Long)

Pause length: 3 seconds. Signalling type: DTMF (dual-tone multifrequency), also called tone dialling; or loop-disconnect (pulse dialling).

Network connection

This equipment is intended to be used in the UK only. Operation on other countries' PSTN termination points cannot be guaranteed.

This does not affect your statutory rights.

Contents of this User Guide

- 1 Where to find it
- 2 Installation
- 3 Making and answering calls
- 4 Memory dialling
- 5 Caller Display
- 6 Tones and volumes
- 7 Call barring
- 8 Customising your phone
- 9 Resetting the system
- 10 Using a multi-handset system
- 11 handset registration
- 12 Baby Call
- 13 Operational notes
- 14 Troubleshooting
- 15 Guarantee and service
- 16 Technical details



Pressing buttons on your phone

- When the instructions in this user guide tell you simply to 'press' a button, this means that you should press the button briefly, then release it.
- When the instructions tell you to 'press and hold' a button, this means you should keep the button pressed until the display changes and/or you hear a tone.



Unpacking your Symphony 2200

- In the box are:
 - the cordless handset (two handsets with a Twin system, three with a Triple system, four with a Quad system)
 - the base unit
 - rechargeable batteries or a battery pack, and a battery compartment cover for the handset
 - a telephone line cable
 - a mains power lead and adapter

If you have an Symphony 2200Twin, Triple or Quad system, you should also have:

- one, two or three charger pods
- a mains power lead and adapter for each one

Keep the packaging materials in a safe place in case you later need to transport the unit.

Keep your sales (till) receipt, which is your guarantee.

If you need help ...
The Binatone Help Line is available from 9.00 am to 5.00 pm, Monday to Friday, on

0845 345 9677

Calls are charged at Local Call rate.

Important note — emergency calls

The Symphony 2200 is not designed for making emergency calls when the mains power fails. So you should make alternative arrangements for access to Emergency Services.

(This means that you should also have a basic phone that does not need mains power, connected to your line so that you can make calls during a power failure.)

13 Operational notes

Electrical safety

- DON'T let the base unit get wet. Electrical equipment can cause serious injury if used while you are wet or standing in water.
- If the base unit ever falls into water, DON'T retrieve it until you have unplugged the power lead from the mains and the telephone line plug from the telephone socket; then pull it out by the unplugged cables.
- NEVER use your Symphony2200 outdoors during a thunderstorm—unplug the base unit from the telephone line and the mains socket when there are storms in your area. Damage caused by lightning is not covered by the guarantee.

Siting the base unit and charger pod

The base unit and charger pod should each be placed on a level surface, in a position where:

- the mains adapter plug will reach an easily accessible 230-V AC switched mains supply socket — never try to lengthen the mains power cable
- the telephone line cable will reach your telephone line socket or extension socket (base unit only: charger pods have no connection to the telephone line)
- it is not close to another telephone — this can cause radio interference during calls
- it is not close to a sink, bath or shower, or anywhere else where it might get wet
- it is not close to other electrical equipment — fridges, washing machines, microwave ovens, TVs, fluorescent lights, etc.

Radio signals between the handset and the base unit

To use your handset and base unit together, you must be able to establish a radio link between them. Be aware that:

- Siting the base unit as high as possible will give better results — for example, in a two-storey house, the best position may be on the first-floor landing.
- Any large metal object — like a refrigerator, a mirror or a filing cabinet — between the handset and base unit may block the radio signal.
- Other solid structures, like walls, may reduce the signal strength.

PBX use

"Last Number Redial and/or memory dialling don't work on a PBX."

When storing numbers in memory, you can include the outside line access code (e.g. 9) with each number.

If your PBX requires you to wait for a second Dial tone before dialling the telephone number, press P for a pause between the access code and the number.

If the fault persists ...

Disconnect all other instruments connected to the same line as the Symphony2200 and see whether you can make a call.

Disconnect the base unit from the telephone line and plug a different phone into the master telephone socket. Try making a call. If this works, the line is OK.

If the call does not work, and you are using a two-way socket adapter, remove it and plug a telephone directly into the socket. If the call now works, the adapter may be faulty.

If you cannot make a call, the fault may be on the exchange line. Contact the service provider (the BT engineers on 151, or your cable company).

If you still cannot identify the cause of the problem, contact the Binatone Help Line on 0845 345 9677.

Declaration of conformity

The Binatone Symphony2200 complies with the essential protective requirements and objectives of:

- EC R&TTE Directive 1999/5/EC
 - EC Directive 2006/95/EC
 - EC EMC Directive 89/336/EEC
- and conforms to the following relevant harmonised standards:
- Radio: EN 301406 : V 1.5.1:2003
 - EMC: EN 301489-1 : V 1.6.1:2005
EN 301489-6 : V 1.2.1:2002
 - Electrical Safely: EN 60950-1 : 2001 + All :2004

15 Guarantee and service

The Binatone Symphony 2200 is guaranteed for 12 months from the date of purchase shown on your sales receipt. The Guarantee does not cover damage by misuse or negligence, or by excessive voltages — for example, faults on the telephone line, or lightning.

Please keep your sales (till) receipt — this is your guarantee.

You should also keep the original packaging material.

In the unlikely event that you need to return your Symphony2200 to our Repair Centre while it is under guarantee, there will be a £5 handling charge.

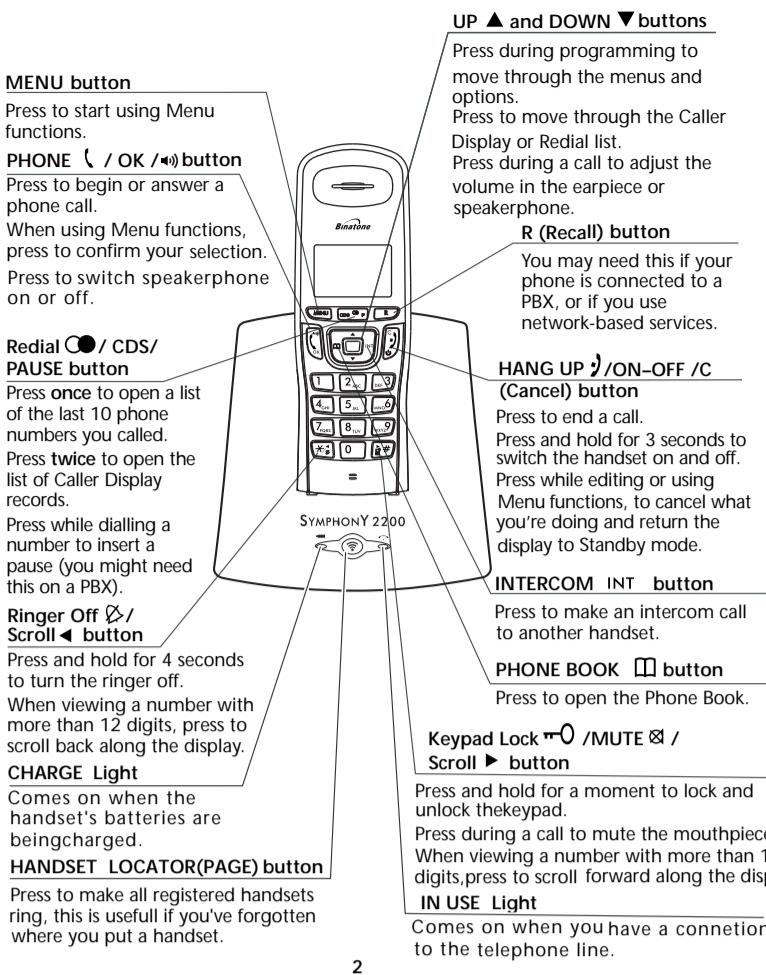
While the unit is under Guarantee

1 Disconnect the base unit and charger pod from the telephone line and the mains electricity supply

2 Pack up all parts of your Symphony2200, using the original packaging. Remember to include the mains adapters

3 Return the unit to the shop where you bought it, making sure you take your sales receipt

1 Where to find it



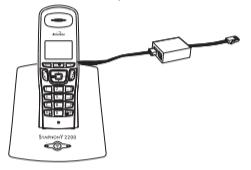
2

Display messages and symbols

The handset's name (the default is HANDSET)	JENNY 2	The handset's number 16:25	The current time
The duration of each call is displayed, from 20 seconds after you press the PHONE button for a line, until 5 seconds after you end the call.			
What the symbols mean			
Radio link/ signal level			The first symbol on steadily when there's a radio link between the handset and base unit. It flashes while the handset is trying to establish a link to the base unit. If this symbol flashes while you're on a call, move closer to the base unit. The second symbol shows the strength of the signal.
New call			You have new Caller Display records.
Phone			Appears when you have a connection to the outside line. Flashes when there's an incoming call to be answered (even if the ringer is turned off).
Phone Book			Comes on when you're storing numbers in the Phone Book, and when you're making calls to stored numbers.
Ringer off			Comes on when the handset's ringer is turned off.
Mute			Comes on when your handset's microphone is muted.
Network voice mail			If you use a network voice mail service, this symbol appears when you have new messages in your inbox.
Lock			Comes on when your handset's keypad is locked.
Battery charge level			When this shows 'nearly empty' (□), put the handset on the base unit or charger pod as soon as possible, to charge the batteries. While the batteries are being charged, this blinks.
Speaker phone			Your handset's loudspeaker on.

3

9 If you have a Broadband line
If you connect your telephone to a line with a broadband connection, you will need to insert a microfilter(not included) between the telephone and the telephone line, otherwise you may get interference between the telephone and the broadband,which could cause problems.



In a home with broadband, every telephone must have a microfilter connected, not just the one at the telephone point that your modem is connected to. If you need more broadband microfilters, contact your broadband supplier.

3 Making and answering calls

To make a call

1 Key in the phone number
If you make a mistake, press **DEL** to clear digits from the display.
To clear all digits, press and hold **DEL**.

2 Press **CALL**

To answer a call

When the handset and base unit ring:
► Press **CALL**

To end a call
► Press **END** so that the **CALL** symbol disappears from the display

Last Number Redial

To make a repeat call to the last number you dialled:
1 Press **LAST**

2 Press **CALL**

To make a repeat call to one of the 10 last numbers you dialled:
1 Press **▲** or **▼** until the number is shown on the display

2 Press **CALL**

6

To delete all Caller Display records

1 Press **DEL** twice
The display shows the first Caller Display record.

2 Press **DEL**

3 Press **▲** or **▼** → **DELETE ALL**

4 Press **CALL** to confirm or press **DEL** if you don't want to delete all records

When there are no more records, the display shows handset name.

6 Tones and volumes

To adjust the earpiece volume during a call

1 Press **▲** or **▼** to change the volume

Handset ringing melodies

To change the ringing melody for incoming external calls:

1 Press **PHONEBOOK** → **PHONEBOOK**
2 Press **▼** → **HS RINGER**
3 Press **▼** then **▼** → **HS MELODY**
4 Press **▼** → **MELODY 1 to 8**
5 Press **▲** or **▼** to hear each melody in turn.

6 Press **CALL** to confirm the melody you want.

7 Press and hold **CALL** to go back to standby mode.

Handset ringing volume

You have a choice of eight volume levels including ringer off.

1 Press **PHONEBOOK** → **PHONEBOOK**
2 Press **▼** → **HS RINGER**
3 Press **▼** → **HS VOLUME**
4 Press **▼** → **1 to 7 or VOL OFF**

5 Press **▲** or **▼** to change the volume

6 Press **CALL** to confirm

7 Press and hold **CALL** to go back to standby mode.

10

Locking the keypad

When the keypad is locked, no numbered keys can be pressed so you can't make calls by mistake.

To lock the keypad:
1 Press and hold **DEL** for 4 seconds

→ The display shows the **LOCK** symbol when the keypad is locked.

To unlock the keypad:

1 Press and hold **DEL** for 4 seconds again

→ The **LOCK** symbol will disappear from display.

With the keypad locked, you cannot make emergency calls to 999 or 112.

Clear memories on handset

1 Press **PHONEBOOK** then **▲** → **HANDSET**
2 Press **PHONEBOOK** then **▼** → **CLEAR MEM**
3 Press **CALL** to confirm

If you do will clear all numbers from the handset's phonebook and redial list

Prefix number

This may be useful if you use a dialling prefix to route your long-distance calls via a service provider other than the one which supplies your line. You can program this prefix into the base unit. Then when you turn on Provider Mode on individual handsets the prefix will automatically be dialled out at the beginning of any phone number starting with 0.

1 Press **PHONEBOOK** then **▼** → **BASE**
2 Press **PHONEBOOK** then **▼** → **PREFIX NUM**
3 Press **CALL** the display shows **PREFIX NUMBER** and any prefix that's already been set.
4 If necessary, use **DEL** to clear digits from the display. Then key in the prefix and confirm using **CONFIRM**

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Provider mode

1 Press **PHONEBOOK** then **▼** → **HANDSET**
2 Press **PHONEBOOK** then **▼** → **PROVIDER**
3 Press **CALL** to select Tick (ON) or Cross (OFF)

If you have programmed a prefix code into the base unit, you need to turn provider mode on for each handset if you want it automatically to dial the prefix whenever you dial a number beginning with 0.

Dial mode

Always leave this setting at **TONE**.

Flash

It's very unlikely that you'll need this function, and it's usually best to leave the setting at its default, **REDIAL**. But if your Symphony2200 is connected to an extension on a PBX, you may need to change this setting (also called the recall length) to **LONG**. If applicable, consult the PBX documentation for details.

Clear all memories on base

Select this to clear all numbers from caller display list
1 Press **PHONEBOOK** then **▼** → **BASE**

2 Press **CALL** then **▼** → **CLEAR CID**
→ The display asks: **CONFIRM?**

3 Press **CALL** to confirm, **DEL** to cancel

Handset Switch ON/OFF

1 Press and hold **CALL** for 3 seconds
2 The handset will switch ON or OFF

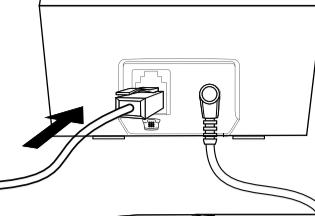
15

2 Installation

1 Choose a suitable site for the base unit telephone

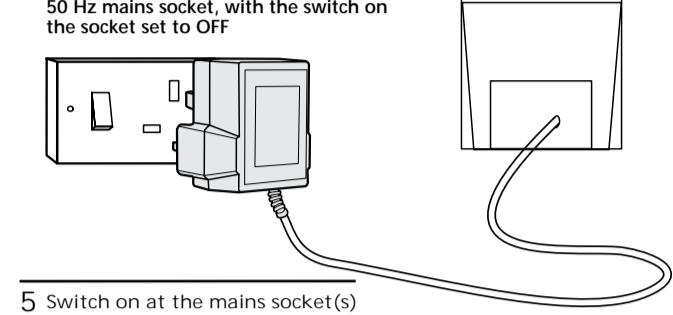
2 Connect the mains power lead and the telephone line cord into the underside of the base unit

Use the telephone line cord supplied with your Symphony2200 — don't use any other telephone line cord

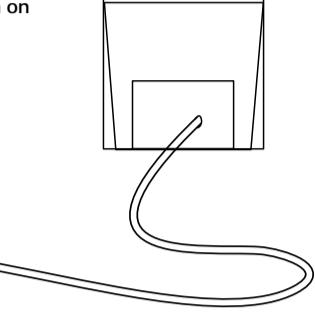


3 Plug the mains adapter into a 230 V AC, 50 Hz mains socket, with the switch on the socket set to OFF

4 Install the charger pod(s) ...
Plug the mains adapter into a 230 V AC, 50 Hz mains socket, with the switch on the socket set to OFF



5 Switch on at the mains socket(s)



4

4 You can edit the number using **HANG UP/C** before storing it if you wish.

5 Press **CALL** to confirm.

To make a memory call

1 Press **PHONEBOOK**
2 Press **▲** or **▼** until the display shows the name and number
3 Press **CALL** to dial the number

To modify (change) a number in memory

1 Press **PHONEBOOK** show memory stored.
2 Press **▲** or **▼** until the display shows the name.
3 Press **PHONEBOOK** → **RDN**
4 Press **▼** TWICE → **MODIFY**
5 Press **CALL** the display shows the corresponding number.
6 Modify the name if necessary, pressing **DEL** to clear characters from the display before keying in the correct ones.
7 Press **CALL** to confirm the modification.

To delete an entry (all entries) from redial list

1 Press **PHONEBOOK** then **▼** select the number.
2 Press **PHONEBOOK** then **▼** select **DELETE** or **DELETE ALL**.
3 Press **CALL** to confirm delete an entry or delete all entries.

To delete an entry or all entries from Phone Book

1 Press **PHONEBOOK** then **▼** select the number.
2 Press **PHONEBOOK** then **▼** select **DELETE** or **DELETE ALL**.

3 Press **CALL** to confirm.

8

7 Call barring

Using call barring, you can prevent certain types of call being made on your handset. There are four levels of Call Barring:

- **NO BAR** — all calls are allowed. This is the default.
- **LOCAL** — no international calls
- **INTERNAL** — you can't make any outgoing calls except emergency 999 calls.

To bar calls to specified numbers

1 Press **PHONEBOOK** then press **▼** → **BASE**
2 Press **PHONEBOOK** then press **▼** → **CALL BAR**
3 Press **CALL** to select **[NUMBER1]** or **[NUMBER2]**
the display shows a list of registered handset numbers
4 Key in a handset number
5 Key in the barred number and confirm using **CONFIRM**
6 Press to **▼** select **[ACTIVATION]** and confirm using **CONFIRM** then key in a handset number
7 Using **CONFIRM** to select tick(ON) to activate the call barring or cross(Off) to de-activate it, **DEL** to go back.

To bar certain type of call

1 Press **PHONEBOOK** then press **▼** → **BASE**
2 Press **PHONEBOOK** then press **▼** → **CALL BAR**
3 Press **CALL** then press **▼** → **TYPE**
4 Press **CALL** then key in a handset number, press **▼** to select **[NO BAR]**, **[INTERNAL]** or **[LOCAL]**
5 Using **CONFIRM** to confirm or **DEL** to go back to turn call barring off
* Follow 1 to 4 above, setting the level to **[NO BAR]** at step 4

12

Your security PIN

You will only need this feature if you plan to set up Call Barring. The base unit has a default PIN (personal identity number) of 0000. You can change this to any number you'll remember, with up to eight digits.

1 Press **PHONEBOOK** then **▼** → **BASE**
2 Press **PHONEBOOK** twice → **NEW PIN**
→ Key in your new PIN and Press **CALL** to confirm.
3 Press **CALL** to go back.

9 Resetting the system

! If you reset the system, all features will return to their default settings.

! While you are resetting the system, you should disconnect the telephone line cord from the back of the base unit, so you won't be interrupted by incoming calls.

Reset Base

1 Press **PHONEBOOK** then **▼** → **BASE**
2 Press **PHONEBOOK** then **▼** → **DEFAULT**
3 Press **CALL** → **CONFIRM?**
4 Press **CALL** → You hear a confirmation tone

Reset handset

1 Press **PHONEBOOK** then **▼**